The drawing(s) filed (insert do

Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application NO9/94/11/93

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion Black ink. Color. Color drawings are not acceptable until petiton is granted. when page is either upright or turned so that the top Fig(s) becomes the right side, except for graphs. Fig(s) Pencil and non black ink not permitted. Fig(s) 9. SCALE, 37 CFR 1.84(k) 2. PHOTOGRAPHS. 37 CFR 1.84(b) Scale not large enough to show mechanism without I full-tone set is required. Fig(s) crowding when drawing is reduced in size to two-thirds in Photographs may not be mounted. 37 CFR 1.84(e) Poor quality (half-tone). Fig(s)_ 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 3. TYPE OF PAPER. 37 CFR 1.84(e) 37 CFR 1.84(i) Paper not flexible, strong, white, and durable. Lines, numbers & letters not uniformly thick and well Fig(s) defined, clean, durable, and black (poor line quality). Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Fig(s) 11. SHADING. 37 CFR 1.84(m) Mylar, velum paper is not acceptable (too thin). Solid black areas pale. Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: Solid black shading not permitted. Fig(s) Shade lines, pale, rough and blurred. Fig(s) 21.0 cm by 29.7 cm (DIN size A4) 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 21.6 cm by 27.9 cm (8 1/2 x 11 inches) Numbers and reference characters not plain and legible.

Fig(s)

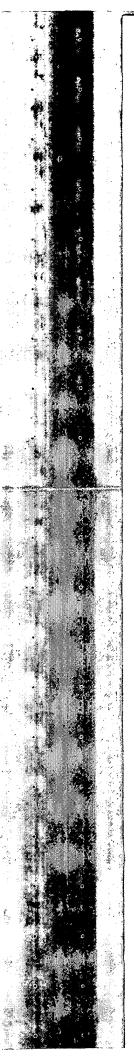
Figure legends are poor. Fig(s) All drawing sheets not the same size. Sheet(s) _ Drawings sheets not an acceptable size. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Numbers and reference characters not oriented in the Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm same direction as the view. 37 CFR 1.84(p)(1) SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm English alphabet not used. 37 CFR 1.84(p)(2) SIZE: 8 1/2 x 11 2A-2G, 4/9C-2/9E

Margins not acceptable. Fig(s) Numbers, letters and reference characters must be at least
.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3).
Fig(s) 26.2 25.4 5.4 5.5 B

13. LEAD LINES. 37 CFR 1.84(q) Top (T) Left (L) Bottom (B) Right (R) 6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to Lead lines cross each other. Fig(s)_ Lead lines missing. Fig(s) correspond to drawing changes. 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1) Partial views. 37 CFR 1.84(h)(2) Sheets not numbered consecutively, and in Arabic numerals Brackets needed to show figure as one entity. beginning with number 1. Sheet(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not labeled separately or properly. Views not numbered consecutively, and in Arabic numerals, Fig(s) beginning with number 1. Fig(s)_ Enlarged view not labeled separetely or properly. 16. CORRECTIONS. 37 CFR 1.84(w) Fig(s) Corrections not made from prior PTO-948 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Hatching not indicated for sectional portions of an object. Surface shading shown not appropriate. Fig(s) Sectional designation should be noted with Arabic or Solid black shading not used for color contrast. Fig(s)_ Roman numbers. Fig(s) COMMENTS

DATE 7-15-03 TELEPHONE NO. _____

ATTACHMENT TO PAPER NO.



REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Reveiw Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in ABANDONMENT of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.